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WPI Acc no: 1999-080771/199907

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XRAM Acc no: C1999-024141

Novel substituted pyrazole p38 kinase inhibitors – and tumour necrosis factor-alpha antagonist for inflammation, asthma or arthritis

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Patent Family (22 patents, 82 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
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			CZ 19994118	A	19980522		
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Priority Applications (no., kind, date): US 2004840734 A 20040505; US 2003374781 A 20030217; US 2002114297 A 20020402; US 200121780 A 20011207; US 2001918481 A 20000224; US 1998196623 A 19981120; US 199883670 A 19980522; WO 1998US10436 A 1

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			US 199883670	A	19980522			CZ 19
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			US 2004840734	A	20040505			

IL 132

US 70

Alerting Abstract WO A1

Substituted pyrazoles of formula (I) and their salts and tautomers are new. R1 = e.g. H, alkyl, cycloalkenylalkylene, heterocyclalkylene, haloalkyl, haloalkenyl, haloalkynyl, hydroxyalkyl, carboxyalkyl, alkoxyalkyl, alkenoxyalkyl, alkynoxyalkyl, aryloxyalkyl, heterocyclyoxyalkyl, alkyl-NH₂, aminoalkyl; alkyl-, alkenyl-, alkynyl-, aryl- or heterocycl-amino, -sulphinyl or sulphonato heterocyclalkyl, alkoxyalkylene, aryloxyalkylene, aminoalkyl, alkylaminoalkyl, arylaminoalkyl R26 = H, alkyl, alkenyl, alkynyl, cycloalkylalkylene, aralkyl, alkoxy carbonylalkylene, and alkyl-cycloalkylalkylene, aralkylarylene, alkylheterocycl, alkylheterocyclalkylene, alkylheterocycl aralkyl, aralkoxyalkylene, heterocyclalkylene, alkylheterocyclalkylene, alkoxy carbonylalky heterocycle; R2 = e.g. H, halo, alkyl, alkenyl, alkynyl, aryl, heterocycl, haloalkyl, hydroxyalky alkynylamino, arylamino or heterocyclamino; or -CR₃₀R₃₁-(CH₂)_j-(CHR₃₄)_m-NR₃₂R₃₃ heterocyclalkylene, aminoalkyl, alkylaminoalkyl, aminocarbonylalkyl, alkoxyalkyl or alkylcarbonylalkylene, aminoalkyl, alkylaminoalkyl, arylaminoalkyl, alkylcarbonylalkylene, arylcarbonylalkylene, CONR₃₇R₃₈ or SO₂NR₃₉R₄₀; R35-R40 = hydrocarbon, hetero-substituted hydro arylaminocarbonyl; R41 = aryl; R3 = pyridinyl, pyrimidinyl, quinolinyl or purinyl (all optionally alkenoxyalkyl or aryloxyalkyl; R4 = H; or alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, aryl USE - (I) are useful for treating TNF mediated disorders and p38 kinase mediated disorders: reaction, atherosclerosis, arthritis, osteoarthritis, rheumatoid arthritis, gout, psoriasis, topical pulmonary inflammatory disease, cardiac reperfusion injury, renal reperfusion injury, thrombosis and cachexia (all claimed). Other disclosed diseases to be treated include e.g. fever, metastasis, diabetes, diabetic retinopathy or naphthropy, angiogenesis, ocular neovascu

Title Terms /Index Terms/Additional Words: NOVEL; SUBSTITUTE; PYRAZOLE; KINASE; INFLAMMATION; ASTHMA; ARTHRITIS

Class Codes**International Patent Classification**

IPC	Class Level	Scope	Position	Status	Version Date
A61K-031/44; C07D-401/04			Main		"Version 7"
A61K-031/415; A61K-031/4155; A61K-031/422; A61K-031/427; A61K-031/4439; A61K-031/454; A61K-					

031/4545; A61K-031/496; A61K-031/498; A61K-031/505; A61K-031/506; A61K-031/52; A61K-031/5377; A61P-001/04; A61P-011/00; A61P-011/06; A61P-017/06; A61P-019/02; A61P-019/06; A61P-029/00; A61P-003/14; A61P-031/00; A61P-037/06; A61P-043/00; A61P-007/02; A61P-009/10; C07D-401/00; C07D-401/14; C07D-403/04; C07D-405/14; C07D-409/04; C07D-409/14; C07D-413/04; C07D-413/14; C07D-417/04; C07D-451/02; C07D-453/02; C07D-471/14; C07D-473/00					Secondary	"Version 7"
A61K-0031/415	A	I		R	20060101	
A61K-0031/44	A	I		R	20060101	
A61K-0031/4439	A	I	L	B	20060101	
A61K-0031/505	A	I		R	20060101	
A61K-0031/506	A	I	F	B	20060101	
A61P-0011/06	A	I		R	20060101	
A61P-0017/06	A	I		R	20060101	
A61P-0019/02	A	I		R	20060101	
A61P-0009/10	A	I		R	20060101	
C07D-0401/04	A	I		R	20060101	
C07D-0401/04	A	I	L	B	20060101	
C07D-0401/14	A	I		R	20060101	
C07D-0403/04	A	I		R	20060101	
C07D-0405/14	A	I		R	20060101	
C07D-0409/14	A	I		R	20060101	
C07D-0413/14	A	I		R	20060101	
C07D-0417/14	A	I		R	20060101	
C07D-0453/02	A	I		R	20060101	
C07D-0471/04	A	I		R	20060101	
C07D-0471/14	A	I		R	20060101	
C07D-0473/00	A	I		R	20060101	
C07D-0487/04	A	I		R	20060101	
A61K-0031/415	C	I		R	20060101	
A61K-0031/44	C	I		R	20060101	
A61K-0031/4427	C	I	L	B	20060101	
A61K-0031/505	C	I		R	20060101	
A61P-0011/00	C	I		R	20060101	
A61P-0017/00	C	I		R	20060101	
A61P-0019/00	C	I		R	20060101	

A61P-0009/00	C	I		R	20060101
C07D-0401/00	C	I		R	20060101
C07D-0401/00	C	I	L	B	20060101
C07D-0403/00	C	I		R	20060101
C07D-0405/00	C	I		R	20060101
C07D-0409/00	C	I		R	20060101
C07D-0413/00	C	I		R	20060101
C07D-0417/00	C	I		R	20060101
C07D-0453/00	C	I		R	20060101
C07D-0471/00	C	I		R	20060101
C07D-0473/00	C	I		R	20060101
C07D-0487/00	C	I		R	20060101

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(54) Title: SUBSTITUTED PYRAZOLES AS p38 KINASE INHIBITORS

(57) Abstract

A class of pyrazole derivatives is described for use in treating p38 kinase mediated disorders. Compounds of particular interest are defined by Formula (I) wherein R¹, R², R³ and R⁴ are as described in the specification.

